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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/805,879	03/15/2001	Luen-Wuu Lin	4006-116	3512

7590 08/05/2004

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EXAMINER

BATES, KEVIN T

ART UNIT	PAPER NUMBER
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2155

DATE MAILED: 08/05/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

Office Action Summary

Application No.

09/805,879

Applicant(s)

LIN, LUEN-WUU

Examiner

Kevin Bates

Art Unit

2155

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

Status

- 1) ☒ Responsive to communication(s) filed on 15 March 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

Disposition of Claims

- 4) ☒ Claim(s) 1-31 is/are pending in the application.
- 4a) Of the above claim(s) _____ is/are withdrawn from consideration.
- 5) ☐ Claim(s) _____ is/are allowed.
- 6) ☒ Claim(s) 1-31 is/are rejected.
- 7) ☐ Claim(s) _____ is/are objected to.
- 8) ☐ Claim(s) _____ are subject to restriction and/or election requirement.

Application Papers

- 9) ☐ The specification is objected to by the Examiner.
- 10) ☐ The drawing(s) filed on _____ is/are: a) ☐ accepted or b) ☐ objected to by the Examiner.
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

Priority under 35 U.S.C. § 119

- 12) ☐ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☐ All b) ☐ Some * c) ☐ None of:
- ☐ Certified copies of the priority documents have been received.
 - ☐ Certified copies of the priority documents have been received in Application No. _____.
 - ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

* See the attached detailed Office action for a list of the certified copies not received.

Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☐ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)
Paper No(s)/Mail Date _____
- 4) ☐ Interview Summary (PTO-413)
Paper No(s)/Mail Date. _____
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: _____

DETAILED ACTION

This Office Action is in response to a communication made on March 15, 2001.

Claims 1 – 31 are pending in this application.

Claim Rejections - 35 USC § 103

The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

Claims 1-31 are rejected under 35 U.S.C. 103(a) as being unpatentable over Busey (5764916) in view of Tang (5793365).

Regarding claim 1, Busey discloses a method for real time communication over a network, the method comprising: connecting at least one sender and at least one receiver with at least one server over the network (Column 3, lines 18 – 25), each the sender and each the receiver having a first window and at least second window for communication (Column 5, lines 33 – 38; lines 54 – 57); uploading communication information to the server by the sender the communication information including a chat messages and a URL address correlating to a page message; transmitting the chat message and the URL address to the receiver; and displaying the chat message on the first window and the page message at least on the second window of the receiver (Column 5, lines 54 – 57), Busey does not explicitly indicate that the page message can be a file or document stored locally on the senders computer and transmitted to the server. Tang teaches a communication system that includes chat messages and file

sharing (Column 3, line 60 – Column 4, line 1). As part of Tang's teaching is including files as attachments to messages in chat rooms (Column 2, line 61 – Column 3, line 13) and allow the receiver to get a reference to those attachments and view them in a different window (Column 9, lines 38 – 62). It would have been obvious to one of ordinary skill in the art at the time the invention was made to allow page messages to be uploaded with the chat messages of Busey's chat system in order to allow more advanced interaction where documents and files can be shared along with text and ideas (Column 3, lines 10 – 29).

Regarding claim 2, Busey discloses that the chat message is selected from the group consisting of character string, text, audio stream and video stream (Column 3, lines 30 – 33).

Regarding claim 3, Busey discloses that the page message is selected from a hypertext group consisting of HTML files, XML files, WORD files, EXCEL files and POWERPOINT files (Column 5, lines 36 – 38).

Regarding claim 4, the combination of Busey and Tang discloses that the step of uploading the communication information to the server by the sender is carried out by: uploading the chat message and the page message to the server by the sender (Tang, Column 3, lines 10 – 29); generating the URL address correlating to the page message by the server (Tang, Column 8, lines 35 – 40); feeding back the URL address to the sender by the server; and uploading the URL address to the server by the sender (Busey, Column 5, lines 54 – 57, where in Busey's chat environment the address/object reference is a URL address).

Regarding claim 5, Busey discloses that the step of transmitting the chat message and the URL address to the receiver further includes following the protocol of Internet Relay Chat to transmit the chat message and the URL address (Column 4, lines 4 – 14).

Regarding claim 6, Busey discloses that the step of displaying the page message at least on the second window of the receiver further includes to download the page message in a web page of the URL address on the server (Column 5, lines 39 – 53).

Regarding claim 7, the combination of Busey and Tang discloses that the page message further include more than one file, the corresponding correlation between the files are maintained before being transmitted because in the reference of Tang discloses a shelf or window that keeps in order all the files that are related to the current chat discussion (Column 9, lines 42 – 45).

Regarding claim 8, Busey discloses that the network is the Internet (Column 2, lines 45 – 46).

Regarding claim 9, the combination of Busey and Tang discloses that the step of collecting at least one the sender and at least one the receiver with at least one the server over the network is carried out by: finding each address of at least one the server on a directory server; and connecting at least one the sender and at least one the receiver with respect to each the address of at least one the server over the network (Tang, Column 11, lines 41 – 57).

Regarding claim 10, the combination of Busey and Tang discloses a method for real time communication over a network, the method comprising: connecting at least

one sender and at least one receiver over the network (Busey, Column 3, lines 18 – 25), each the sender and each the receiver having a first window and at least a second window for communication (Busey, Column 5, lines 33 – 38; lines 54 – 57); transmitting communication information to the receiver by the sender, the communication information including a chat message, a page message; saving the page message in a temporary address of a directory of the receiver (Busey, Column 5, lines 54 – 57; Tang, Column 2, line 61 – Column 3, line 13); and displaying the chat message on the first window and the page message according to the temporary address of the directory at least on the second window of the receiver (Busey, Column 5, lines 54 – 57).

Regarding claim 11, Busey discloses that the chat message is selected from the group consisting of character string, text, audio stream and video stream (Column 3, lines 30 – 33).

Regarding claim 12, Busey discloses that the page message is selected from a hypertext group consisting of HTML files, XML files, WORD files, EXCEL files and POWERPOINT files (Column 5, lines 36 – 38).

Regarding claim 13, Busey discloses that the network is the Internet (Column 2, lines 45 – 46).

Regarding claim 14, Busey discloses that the step of connecting at least one the sender and at least one the receiver over the network is to utilize the IP addresses of the sender and the receiver to collect the sender and the receiver over the network (Tang, Column 11, lines 41 – 44; Column 14, lines 25 – 29).

Regarding claim 15, the combination of Busey and Tang discloses a system for real time communication over a network, the system comprising: a plurality of clients connecting to the network (Busey, Column 3, lines 18 – 25), each the client being utilized to send at least a page messages at least a chat message and at least a URL address correlating to each the page message (Busey, Column 5, lines 54 – 57; Tang, Column 2, line 61 – Column 3, line 13), to receive at least one the chat message and at least one the URL address (Busey, Column 5, lines 54 – 57), to create a first window for displaying at least one the chat message and at least a second window for displaying at least one the page message (Busey, Column 5, lines 33 – 38; lines 54 – 57); and at least one server connecting to the network, each the server being utilized to receive and to transmit at least one the chat message (Busey, Column 3, lines 26 – 32) and at least one the page message, to generate at least one the URL address correlating to each the page message (Tang, Column 8, lines 35 – 40).

Regarding claim 16, Busey discloses that the client further includes a messenger client to send and to receive the chat message and the URL address and to display the chat message on the first window (Busey, Column 5, lines 33 – 38; lines 54 – 57).

Regarding claim 17, Busey discloses that the client further includes a browser to download the page message according to the URL address and to display the page message on the second window (Busey, Column 5, lines 33 – 38; lines 54 – 57).

Regarding claim 18, Busey discloses that the chat message is selected from the group consisting of character string text, audio stream and video stream (Column 3, lines 30 – 33).

Regarding claim 19, Busey discloses that the page message is selected from a hypertext group consisting of HTML files, XML files, WORD files, EXCEL files and POWERPOINT files (Column 5, lines 36 – 38).

Regarding claim 20, the combination of Busey and Tang discloses that the system further includes a directory server to provide a name list to each the client for searching another one of the clients for communication, the name list comprising IP addresses of each the client and addresses of each the server, which each the client logs in (Tang, Column 11, lines 41 – 44; Column 14, lines 25 – 29).

Regarding claim 21, Busey discloses that the server further includes a messenger server to receive and to transmit the chat message (Column 3, lines 27 – 32).

Regarding claim 22, the combination of Busey and Tang discloses that the server further includes a web server (Busey, Figure 1, element 142) to receive the page message from the client to generate the URL address correlating to the page message (Tang, Column 8, lines 35 – 40) and to feed back the URL address to the client (Busey, Column 5, lines 54 – 57, where in Busey's chat environment the address/object reference is a URL address).

Regarding claim 23, Busey discloses that the network is the Internet (Column 2, lines 45 – 46).

Regarding claim 24, the combination of Busey and Tang discloses a system for real time communication over a network, the system comprising: a plurality of clients connecting to the network (Busey, Column 3, lines 18 – 25), each the client including a

message handling module to send and to receive at least a page message and at least a chat message (Busey, Column 5, lines 54 – 57; Tang, Column 2, line 61 – Column 3, line 13), to create a first window for displaying at least one the chat message and at least a second window for displaying at least one the page message (Busey, Column 5, lines 33 – 38; lines 54 – 57).

Regarding claim 25, Busey discloses that the client further includes a messenger client to send and to receive the chat message and to display the chat message on the first window (Busey, Column 5, lines 33 – 38).

Regarding claim 26, Busey discloses that the chat message is selected from the group consisting of character string, text, audio stream and video stream (Column 3, lines 30 – 33).

Regarding claim 27, the combination of Busey and Tang discloses that the message handling module saves each the page message in a temporary address of a directory of the client (Tang, Column 11, lines 41 – 49).

Regarding claim 28, the combination of Busey and Tang discloses that each the client further includes a browser to download the page message according to the temporary address and to display the page message on the second window (Busey, Column 5, lines 54 – 57; Tang, Column 2, line 61 – Column 3, line 13).

Regarding claim 29, Busey discloses that the page message is selected from a hypertext group consisting of HTML files, XML files, WORD files, EXCEL files and POWERPOINT files (Column 5, lines 36 – 38).

Regarding claim 30, the combination of Busey and Tang discloses that the system further includes a server to provide IP addresses of each of the clients for one of the clients to search another one of the clients for communication (Tang, Column 11, lines 41 – 44; Column 14, lines 25 – 29).

Regarding claim 31, Busey discloses that the network is the Internet (Column 2, lines 45 – 46).

Prior Art

The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

U. S. Patent No. 5857189 issued to Riddle, because it discloses associating files and chat rooms and transferring files that are advertised along with a chat room to a client.

U. S. Patent No. 6192394 issued to Gutfreund, because it discloses associating webpages and chat rooms and discloses sending URLs with chat messages to files/pages the sender is viewing.

U. S. Patent No. 6317777 issued to Skarbo, because it discloses associating a document server with a teleconference and sharing documents with participants of the conference.

U. S. Patent No. 6684211 issued to Nguyen, because it discloses a chat program that attached files and objects with chat messages and they affect the display of the recipient.

U. S. Patent No. 6181689 issued to Choung, because it discloses a chat program that discovers the page a user is viewing and sending the URL to that page to all other participants.

U. S. Patent No. 5958014 issued to Cave, because it discloses a chat program that involves a user to have real-time chat with a service agent.

U. S. Patent No. 6487195 issued to Choung, because it discloses a chat program with synchronized browser window and a chat window and messaging chat messages as well as page information.

U. S. Patent No. 6233600 issued to Salas, because it discloses a chat group that allows files to be transferred as well as chat messages.

U. S. Patent No. 6484196 issued to Maurille, because it discloses a bulletin board that can contain chat messages as well as files and documents.

Conclusion

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Kevin Bates whose telephone number is (703) 605-0633. The examiner can normally be reached on 8 am - 4:30 pm.


If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Hosain Alam can be reached on (703) 308-6662. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Art Unit: 2155

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

KB

KB
August 2, 2004.


HOSAIN ALAM
SUPERVISORY PATENT EXAMINER